

5 Assembly and Dismantling

 **DANGER**

Risk of injury

Improper handling of the packaged door can lead to injury.

- ⇒ Place palette on an even surface.
- ⇒ Do not remove palette before starting assembly.

5.1 Inspection of the delivery

The door is largely pre-assembled on delivery. The side frames, top roll cover, motor cover (if supplied), fixing materials and control system are secured to a transport frame (wooden palette).

- Check door for damage incurred during transit
- Check that the delivery is complete by comparing it with the order documentation.

5.2 Preparation for assembly

 **DANGER**

Risk of injury

Incorrect assembly of the door can lead to injury.

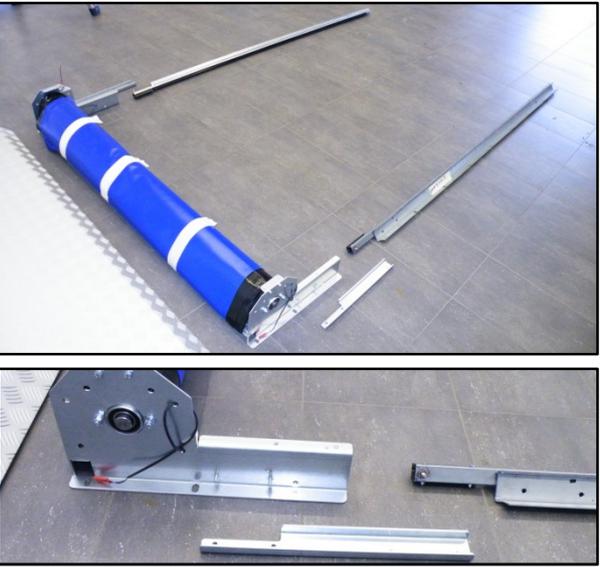
Isopanel walls, chequer bricks and light partition walls must be checked for their suitability for assembly.

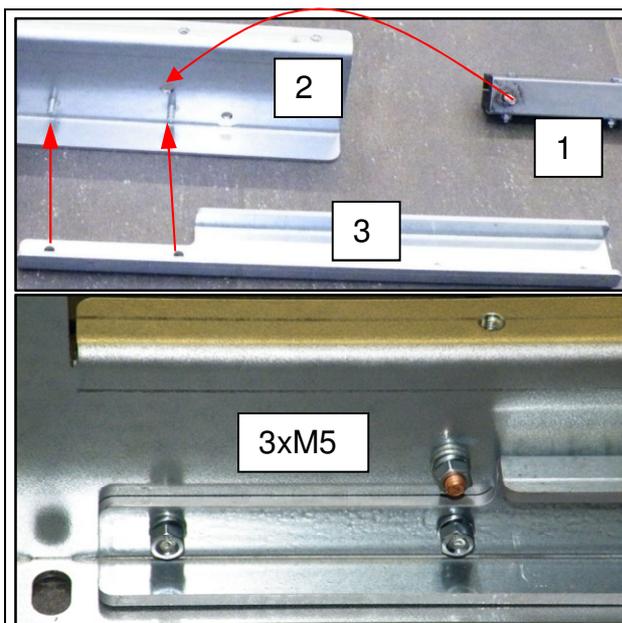
- ⇒ The door may only be assembled by trained staff.
- ⇒ The door may only be assembled by the manufacturer or an installation firm approved by the manufacturer.

Make the following preparations before assembling the door:

- Inspect the installation site for the necessary fixing points and assembly requirements: assemble a substructure or other suitable fixing options if necessary. Screw the upper fixing points to a steel substructure or concrete element. The fixing plan can be found in the user manual.
- Measure clearance dimensions (width and height) of the door opening and compare with the order.
- Cordon off the installation site against people and vehicle movements.
- Remove shrink-wrap from the packaged door.

5.3 Installation

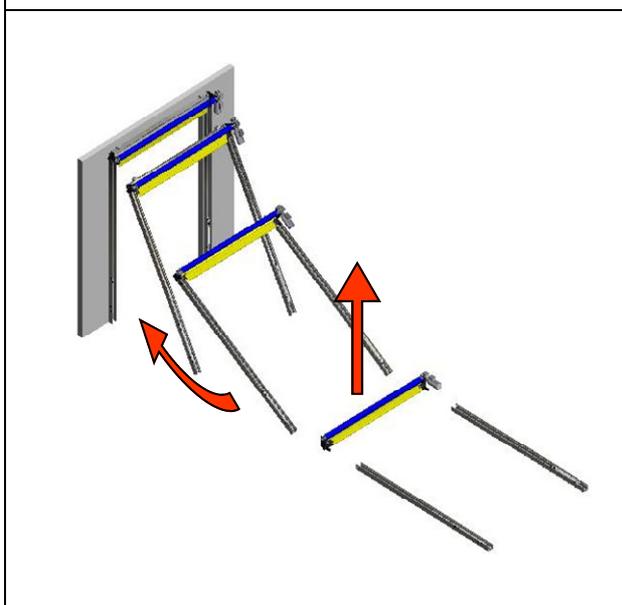
	
	
<p>1. The delivery consists of 2/2 packages. 1/2 mechanical parts 2/2 drive and control</p>	<p>2. 2/2 drive and control The drive and the installation materials are supplied in a box</p>
	
<p>3. Control of the parts supplied The door is to check for any transport damage and to monitor the completeness of the delivery documents.</p>	<p>4. Preparing for installation The door will be prepared and screwed on the floor.</p>



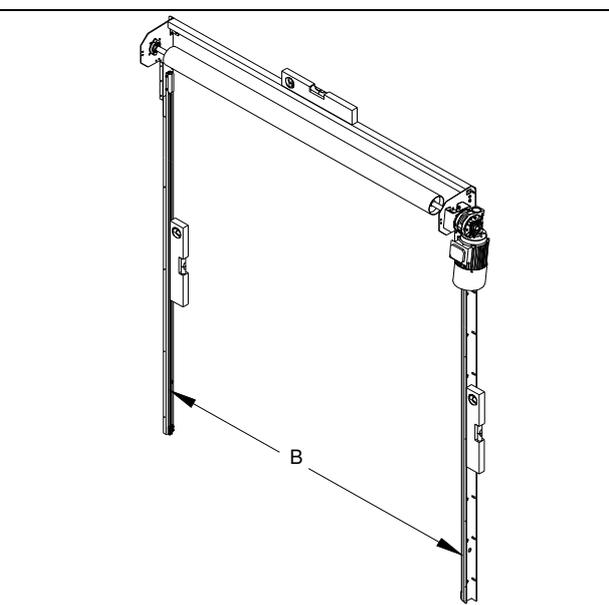
5. Screw the side panels
The side frame (1) is inserted into the head plate (2) and is screwed by means of the stiffening profile (3)



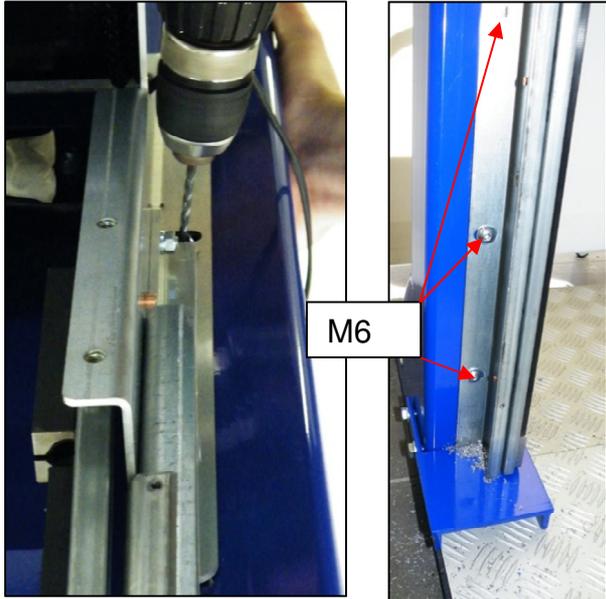
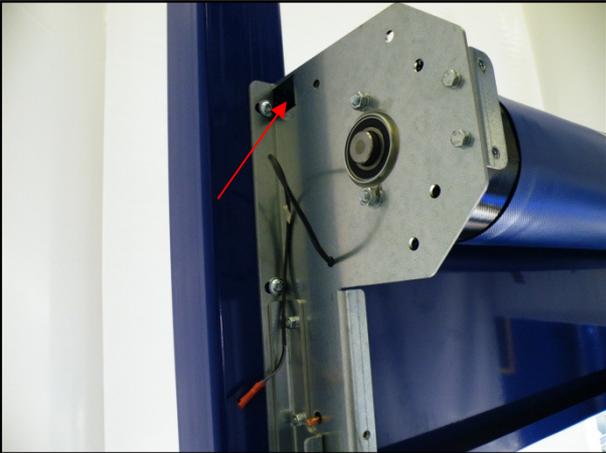
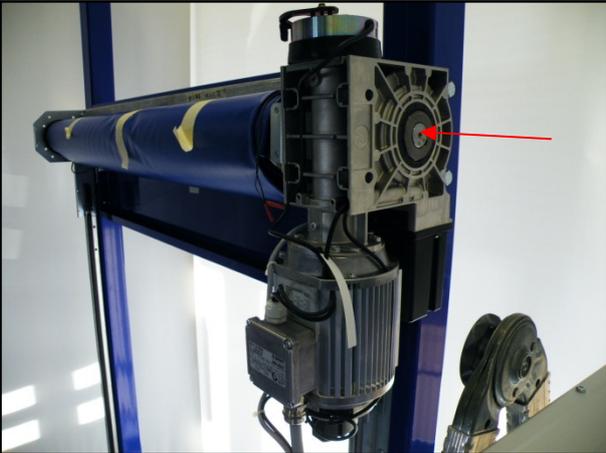
6. Screw the side panels
Subsequently, the stiffening profile is screwed to the side frame on the inside.

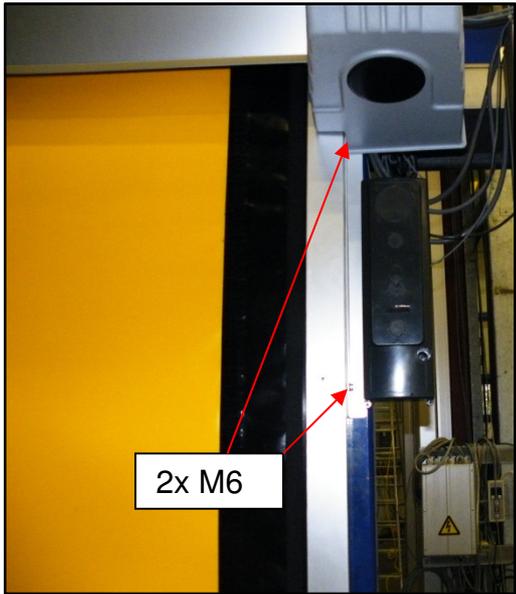


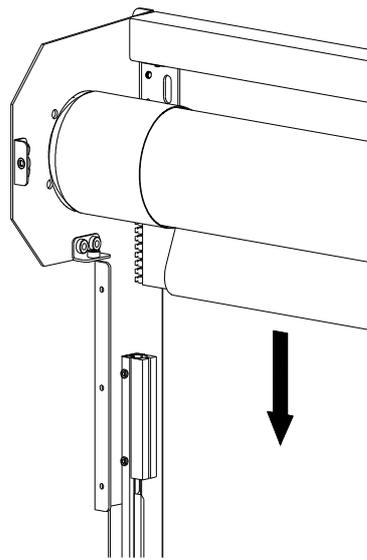
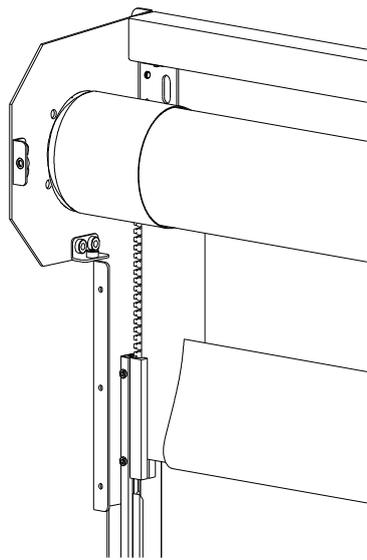
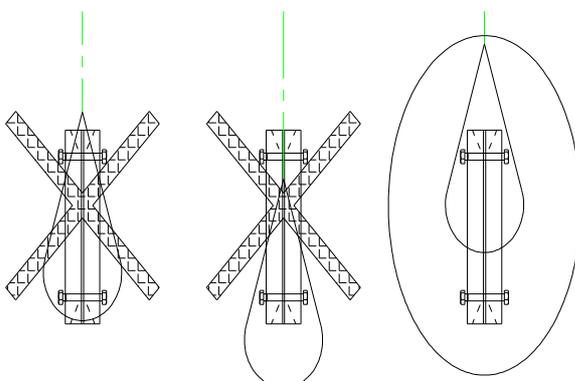
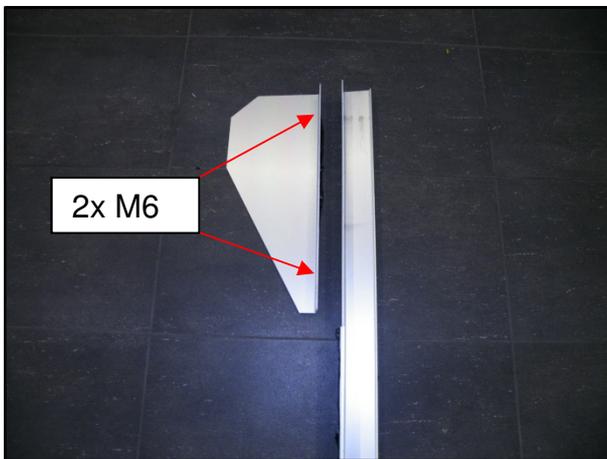
7. Setting up of the door
Suitable lifting equipment shall be used in the setting up of the door

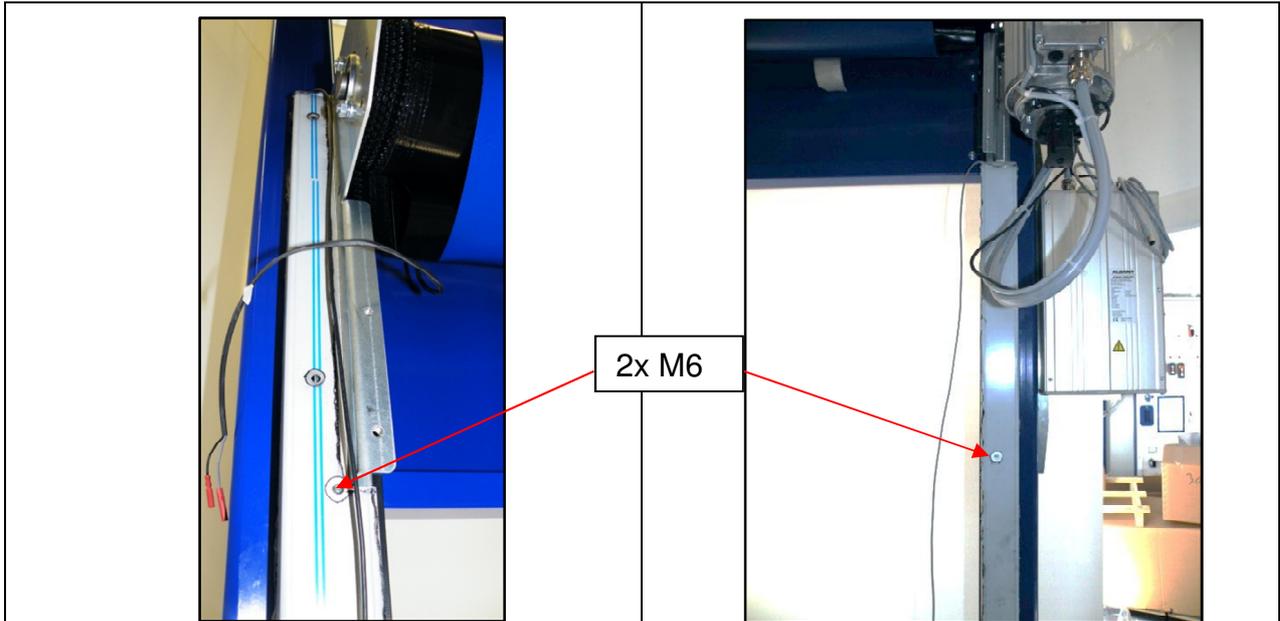


8. Align the door
The door must be aligned on three sides. The dimensional stability must be checked at the bottom and adjusted if necessary.

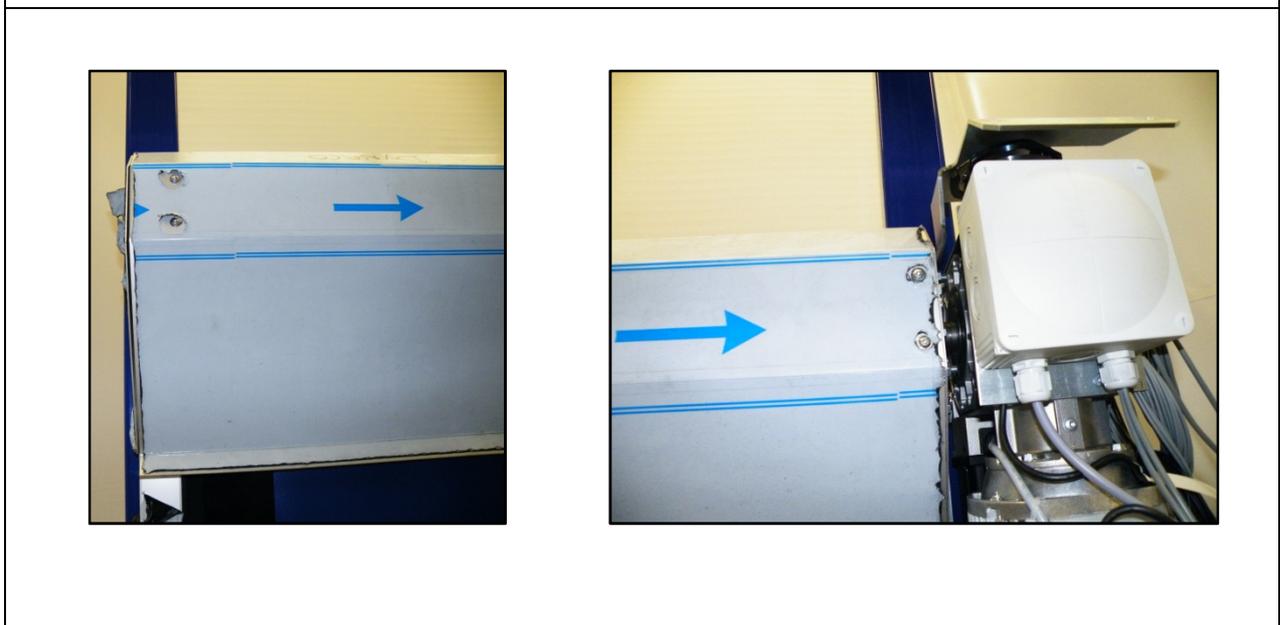
	
<p>9. Drill and screw the side frames It should be used all the holes and the ground using appropriate fasteners.</p>	<p>10. Insert the photocells in the side frames</p>
	
<p>11. Route the cables of the photocells along the sideframes behind the top roll and lead it to the control</p>	<p>12. Grease the shaft and fit the drive on it. Look at the plug on the keyway. Screw torque arm on the head plate (4x M8)</p>

	
<p>13. Mounting the control system (MCS)</p>	<p>14. Mounting the frequency converter on the side frame.</p>
	
<p>15. Wiring the top roll monitoring device with the junction box (see wiring diagram)</p>	<p>16. MCS connection (see wiring diagram)</p>

	
<p>17. Remove the protective packing from the top roll without damaging the curtain. Now, the door can be moved with the crank down</p>	<p>18. Insert the zipper into the reintroduction blocks</p>
	
<p>19. Please make sure that the bottom of the door curtain is located in adjusting the final DOOR OPEN position in the middle of the reintroduction blocks.</p>	<p>20. Screw the cover plate top roll cover with side frame cover (non drive side)</p>



21. Mount the side frame covers and fasten it with screws M4



22. Mount the top roll cover and fasten it with screws 4x M6.

	<p>Remove the protective film from the profiles (side frame covers, top roll cover)</p> <p>Clean dirt and assembly residues with gentle cleaning agents</p>
<p>23. Mount the motor cover and fasten it with screws 2x M6</p>	
<p>The assembly is finished after test of safety devices and test run.</p> <p>The dismantling is made in opposite direction to installation.</p> <p>The door packaging can be returned to the manufacturer.</p> <p>Defective door components should be disposed at site according environmental regulations.</p> <p>Defective electronic components must be disposed as special waste.</p>	